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KITHSEVAL/STDL

High-speed operational amplifier evaluation board kit

The KITHSEVAL/STDL high-speed operational amplifier evaluation board kit is comprised of:

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- 5 unmounted evaluation boards,
- a CDROM of documentation, including:
 - a user manual for the boards,
 - datasheets for the supported high-speed operational amplifiers.

Each evaluation board allows the user to evaluate one operational amplifier at a time. Each evaluation board is generic for a given package and number of channels:

- The SOT23_SINGLE_HF board supports a single-channel high-speed operational amplifier in the SOT23-5L package.
- The SO8_SINGLE_HF board supports a single channel high-speed operational amplifier in SO8 package.
- The SO8_DUAL_HF board supports a dual high-speed operational amplifier in the SO8 package.
- The S08_S_MULTI board supports a highspeed operational amplifier in the SO8 package for both inverting and non-inverting configurations, dual or single supplies.

Part Number	Number of channels	Supported Package(s)
TS613	Dual	SO8
TS616	Dual	SO8
TSH70	Single	SOT23-5L, SO8
TSH71	Single with standby	SO8
TSH72	Dual	SO8
TSH73	Triple	SO14
TSH80	Single	SOT23-5L, SO8
TSH81	Single with standby	SO8



The SO14_TRIPLE board supports a triple high-speed op-amp in the SO14 package with video application considerations.

Each of these evaluation boards is unmounted PCB, and must be mounted with the necessary external components. The choice of these external components depend upon which operational amplifier is being evaluated, as well as the desired evaluation conditions (desired gain, etc.). A layout example is shown for each demoboard in the user manual on the kit's CD-ROM.

The high speed operational amplifiers supported by this evaluation board kit are shown in the table below:

Part Number	Number of channels	Supported Package(s)		
TSH110	Single	SOT23-5L		
TSH111	Single with standby	SO8		
TSH112	Dual	SO8		
TSH113	Triple	SO14		
TSH310	Single	SOT23-5L, SO8		
TSH330	Single	SO8		
TSH350	Single	SOT23-5L, SO8		
TSH340	Single	SOT23-5L, SO8		

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Part Number	Number of channels	Supported Package(s)	Part Number	Numbe
TSH82	Dual	SO8	TSH341	Single
TSH93	Triple	SO14		

Part Number	Number of channels	Supported Package(s)
TSH341	Single	SOT23-5L, SO8

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